GRUMMAN plane news

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Offer AID plan for '78 early retirees

Most people set their retirement plans for age 65, but there are many Grummanites who wouldn't hesitate to retire at an earlier age — if financial circumstances would allow.

On Thursday, April 27, Grumman Aerospace Chairman and President George Skurla announced that a new voluntary early retirement program, called Additional Income Dollars (AID), will be offered over the next several months to 3,900 senior-service Grumman men and women.

The AID program will be offered to Grumman employees who are at least 50 years of age and have 20 years service or are 60 years of age and over and are eligible for a Grumman pension.

Those who elect to participate in the AID program will receive additional income based upon their salary, years of service, and age.

Not only will a number of Grummanites be given the opportunity to retire early, but, depending on the amount of participants, the AID program could be an alternate plan to meet the company's manpower requirements in 1978, says Dan Knowles, director of Personnel.

Looking back

Last year, the company offered a similar program, called Supplementary Income Plan (SIP), but it was restricted to senior-service employees at least 55 years of age; 1,300 people accepted SIP.

"Our experience last year indicated that there were many people over 55 who were interested in SIP but didn't take the Plan because it provided financial assistance only to age 65," said Knowles. "In addition, many individuals who were not old enough for SIP but who were otherwise eligible for pensions expressed an interest in retiring early."

For these reasons, "the company revised the program by lowering the age requirement and offering different options of monthly AID payments," states Knowles.

(Continued on page 3)

Family affair. *Present and past Grumman scholars, Peter and Fred Knapp tickle the ivories with former Grummanite Joan behind them. Sisters Lori (L) and Lisa enjoy the Mozart beat.*

All in the family

"When Larry Mead personally called to tell me that Peter and I had become the first father-son combination to ever win a Grumman scholarship, I must say I was totally surprised," said Fred Knapp, a 1947 recipient of a Grumman Science and Engineering scholarship. "When you consider the caliber of the competition and Peter's age, you had to think the percentages were against him."

Grumman family tree

Peter will be a month shy of his 17th birthday when he graduates with his sister Lisa from Locust Valley High School this June. Upon entering the Grumman scholars' summer-work program this summer, Peter will become the third generation of Knapps to work for Grumman. His grandfather Guordon, who was a technician in static test, started the string in the forties. His mother Joan met father Fred while working as an engineering aide in the Stress department. Fred, a mechanical engineer, has spent his entire career at Grumman and is currently in charge of fatigue testing on the F-14.

Peter will enter Cornell this fall and pursue a degree in mechanical engineering, as Fred did in 1947. The Knapps also share a mutual interest in music and have been known to play a sprightly Mozart duet.

Fred recalls, "When the scholarship finalists assembled for a group shot in 1947, one of the finalists had borrowed his father's only suit for the occasion. We were all suburbanites, and most were the sons of farmers. Today the kids have a much more varied background; they are much more cosmopolitan."

"I've been hearing about Grumman all my life," says Peter. "Naturally, I'm looking forward to working here this summer." Having already stated he wants a career at Grumman, one gets the feeling that Peter Knapp will be spending a great many summers — along with winters, falls and springs — at Grumman Aerospace.

(Last month, Grumman announced its 1978 engineering and science scholarship winners. See article on page 8)

people

It must have been more than beginner's luck for Ed Murphy last fall when he placed second in the Grumman Art and Photo Show, the first photography contest he'd ever entered.

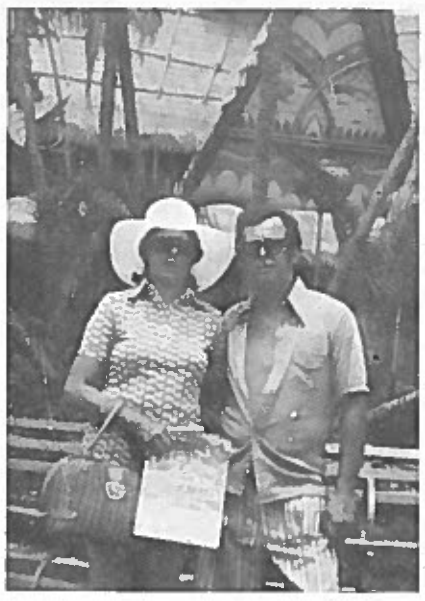
The Plant 35 Grummanite recently walked off with a first place award and two honorable mentions in the 1977-78 Winter Arts Festival Photo Exhibit, presented by the Long Island State Park and Recreation Commission. The festival was held at Bethpage State Park.

Ed, who's been with Grumman for 34 years, says that picking up a prize in the Grumman show gave him the encouragement he needed to try his luck elsewhere.

Head start

Marion Herrera got a head start on her summer tan this year. She began working on it recently in Orlando, Florida, when she collected on her United Way Campaign prize. . .an all expenses paid trip for two to Disney World via Gulfstream II.

Marion, who works in Food Services in Plant 44, and her husband Al spent six days in Orlando, swimming, sight-seeing, and having fun at Disney World.



Marion and Al Herrera

"We really enjoyed the Gulfstream," Marion says. "It's small and very luxurious. It spoils you for commercial airliners."

There were 87 prize-winners in Grumman's 1977-1978 United Way campaign. Marion was one of 18 lucky givers who won vacation trips. . .and no, she never won anything before.

Sunshine reunion

For a few hours on Sunday, April 2, the Spanish Lakes Clubhouse in Port St. Lucie, Florida, looked a lot like Bethpage. That's where over 150 members of the Treasure Coast Chapter of the Grumman Retirees Club and their spouses got together for a gala reunion dinner dance.

Lou Nettuno, dance chairman, reports that the Grumman retirees consumed huge amounts of food and drink, swapped stories, reminisced, and just enjoyed being with old friends again.

They danced to music of the "big band" era, provided by the 15-piece Port St. Lucie Dance Band. The party was such a success that the Treasure Coast crew is already talking about a repeat performance.

New posts

Among those who received changes in assignments were: PROGRAM MANAGEMENT — A. Robert Salzmann, program manager, Electronic Warfare-Development; BETHPAGE OPERATIONS — Thomas Marion, Work Order Support; and George Schomburg, Program Analysis, both appointed to group leader in Production Release and Analysis; DEPARTMENTAL OPERATIONS — in the Engineering Department Ross Fleisig, SAWS System Project Engineer; and in Integrated Logistics Michael Byrnes, manager, Trainer Systems Engineering, Equipment Technology; Howard Mendelsohn, Digital Equipment Engineering, Equipment Technology; and John Byrne, ILS Resources Control, both appointed to group head.

Also in the Engineering Department John Murphy, M-161 Electrical and Electronic Systems; George Kovanko, M-161 Machinery and Fluid Systems; and Edward Hermanns, M-161 Hull, all promoted to design project engineer; Michael Mohn, technical advisor; Frank Elliot, engineering manager, M-161 Hydrofoil Program; Robert Knoetgen, System Analysis; Jerome Rogers, Digital Technology; Thomas O'Hara, Computer Architecture, all appointed to group head; and John Pierson, M-161 Hydrofoil System project engineer; and in the Integrated Logistics Support Department Roland Olsewski has been appointed to director, Supply Operations; and Charles Gelling, to project leader, Resources Control, F-14A.

Helping out

Though he's not helping them sell cookies, Jean Esquerre, a member of Grumman Aerospace's board of directors and co-director of the Opportunity Development Department, will be assisting the Suffolk County Girl Scout Council in securing financial support.

Good scout. *Jean Esquerre (R) goes over plans for Suffolk County Girl Scout Council's community appeal with council president Jean Cochran.*

Esquerre is a member of the council's Business and Professional Division, which will spearhead the upcoming Girl Scout community appeal. The division plans to seek substantial financial backing for the scouts from local businesses. According to Esquerre, who is also a member of the board of directors of the Suffolk County Girl Scout Council, the goal is to "insure financial solvency for 1978 and for the future."

It has been estimated that one out of five Suffolk girls between the ages of six and 17 participate in council programs.

Walk-A-Thon

On Saturday, May 20, several thousand young people will be walking 10 miles in Eisenhower Park to help raise money for the renovation of a newly acquired vocational training center for the Nassau Association for the Help of Retarded Children.

Last year, the Nassau Walk-A-Thon raised over $30,000. If you wish to sponsor a walker or be a participant, call the Walk-A-Thon Coordinating Center in Valley Stream, 825-8282.

Get new posts

Several Grummanites have been named to new posts in Great River Operations.

Dan O'Brien has been appointed assistant to Bruno Caputo, general manager of Great River Operations. He can be reached on Ext. (113) 7698, mail stop A24-43.

Don Sheehan is now director of Business Planning. In his new position, Sheehan reports to Caputo and is located in Plant 43, A24-43, on Ext. 7982.

The new director of Manufacturing is Rudy Avitabile. He is located in Plant 43, A12-43, on Ext. 7725 and reports to Joe Walker, deputy manager of Great River.

Reporting to Avitabile is Horst Fuhrmann, newly appointed deputy director of Manufacturing. He is located in Plant 43, A12-43, on Ext. 7723.

Broadway tickets

Tickets to the Broadway show, *Dancing*, are now available in all Employee Services (ES) offices. Price is $17.50 per orchestra seat for the Wednesday, June 14th show. Make checks payable to: Employee Services.

obituaries

EVELYN M. HODGE of Repair Control, Pl. 6, died March 19 at the age of 64. She had been with the company since 1974 and resided at 20 Flora Lane, Riverhead.

Personals

Our gratitude and appreciation to all personnel, co-workers, and friends in Plant 3 for their thoughtfulness at the time of our recent bereavement. Victoria Malich and family

I wish to thank ESO and all my friends in Plant 7 for their kindness shown at the recent passing of my wife. Daniel Eynard

Our sincere thanks and appreciation to our friends and co-workers for their kind expression of sympathy during our recent loss. Jean and Ed DeMers

Words cannot adequately thank my many friends at Grumman who helped me with their kind thoughts and deeds after my recent accident. Bob Fitzgerald

I, my wife and family wish to express our sincere thanks to all those at Grumman for their kindness and sympathy during the recent loss of our daughter and sister, Mary Ann. Frank Link

We wish to thank all our friends at Grumman and Employee Services for their kindness during the recent loss of my mother. Joseph McAndrew and Family

On behalf of my family and myself, I would like to thank all my friends at Grumman and Employee Services for their kind expression of sympathy during the recent loss of my beloved wife. John Reid

My wife and I wish to express our gratitude to my supervisors, co-workers and Employee Services for their kindness during my recent convalescence. Bud Wilson

Well done. *Carlos Parris (L), assistant manager of Grumman's Small Business Office, and Phil Lewin, a buyer in Subcontracts Avionics in Great River, present the Small Business Subcontractor of the Year award to QC Circuit's president Arthur Schutzman (2-R) and John Hartley, executive vice president-sales (R).*

Grumman salutes QC Circuits

For just about any category you can think of, there's an annual award bestowed by some appreciative group. Some have very little meaning. But there's one kudo awarded annually by Grumman Aerospace—Small Business Subcontractor of the Year—that salutes one firm out of thousands for its outstanding contributions to the company.

This year's winner is QC Circuits Corporation in Bay Shore, which produces printed circuit boards for ground support equipment. They are being honored for their "...quality, competitive pricing, adherence to delivery schedules, and of special note, their management's extremely positive attitude, response, and availability. This philosophy has been exemplified by outstanding performance under GAC subcontracts."

In recognition of their efforts, a plaque was presented on May 3 at QC Circuit's Bay Shore facility by Carlos Parris, assistant manager-Small Business Office, and Phil Lewin, a buyer in Subcontracts Avionics in Great River.

Grumman's Small Business Office was formed in accordance with the government's Small Business Administration, an agency that lends assistance to small or minority-run businesses.

Sikorsky selects GAC

On May 4, Grumman Aerospace signed a $4.5-million contract with the Sikorsky Aircraft Division of United Technologies Corporation to do major structural work on the U.S. Navy/Marine Corps CH-53E "super stallion" heavy-lift helicopter.

The initial contract calls for Grumman to fabricate six of the 2,000-pound aft structures. Each structure includes the rear fuselage, vertical and horizontal stabilizers and two cargo doors. The contract contains provisions for additional Grumman aft sections after follow-on Navy orders are received by Sikorsky. These options give the contract a potential value of $12.5-million.

'Further proof'

"This latest award in our growing list of aerospace subcontracts is further proof of our ability to bring in our subcontracting work with the same schedule, cost and quality standards as our own major aircraft contracts," said George Skurla, chairman and president of Grumman Aerospace.

Skurla added that Grumman plans to do the Sikorsky work at facilities in Bethpage, N.Y.; Stuart, Fla.; and Milledgeville, Ga.

GRUMMAN plane news

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Offer AID for '78 early retirees

(Continued from page 1)

Under this new early retirement program, eligible employees will have a choice of two plans to select for payment of the AID benefit. Those two plans are:

Plan I — A temporary supplemental payment (4/9ths of the total dollar value based on salary, age, service) would be payable in monthly installments until age 62. If a person is 59 or over, the installment would continue for only the first 36 months after retirement, (or until age 65).

The remaining 5/9ths of the total AID dollar value would be used to provide a permanent, monthly supplemental payment to last for the person's lifetime; or, if he or she chooses, the lives of both the retiree and the surviving spouse. The size of the monthly payment will depend on the appropriate actuarial factor and the option the person selects.

Plan II — The entire AID amount would be paid in equal monthly installments until the person reaches age 65.

Last year, SIP was referred to as being "a one-time program." Knowles points out that a "substantial amount of the money allotted for SIP was not used because only 38 percent of those eligible selected early retirement. Because a specified sum was set aside for the purpose of offering financial assistance to Grummanites contemplating early retirement," Knowles says, "Grumman decided to have a similar program in 1978. For this reason, we do *not* plan on offering any such early retirement plan again."

Knowles stated that, in terms of total dollars, the AID program does not offer quite as much as SIP. "But many eligible employees received merit raises in 1977. And with one more year of service, they could get AID payments about the same as they would have with SIP," says Knowles.

Some highlights of AID are:

Decision deadline — A person must declare whether or not he or she wishes to accept the program within 60 days from the date of offer. Depending on how many choose early retirement, the company may have to schedule individual retirement dates so that the company's daily operations will not be adversely affected. Should a person accept AID, he or she may elect to leave before May 30 with the company's approval. After that time, the company will schedule a 1978 retirement date, with individuals normally getting at least 30 days advance notice. AID participants must retire by November 30, 1978.

Surviving beneficiary — If a person selecting AID should die, the beneficiary will continue to receive the temporary supplemental pension under Plan I for the period of time the retiree would have received payments. If the AID participant elects Plan I with a Survivor's option, the surviving spouse would also be entitled to a permanent supplemental pension (depending on the selection of either 100 or 50 percent). But if a person was receiving a *full* permanent supplemental pension, these payments will cease.

Under Plan II, the remaining AID supplemental income amount will be paid to the designed beneficiary.

Should a person choose AID and die before the actual retirement date, no AID payments will be made since beneficiaries will receive Grumman life insurance.

Insurance benefits

Insurance — AID participants are entitled to the regular Grumman retiree insurance coverage (hospitalization, surgical, emergency accidents, diagnostic and X-rays).

Pension — the AID payments in no way affect the person's Grumman pension. An individual may elect:

- to receive the Grumman pension upon early retirement, with or without the survivor's benefit;
- defer the pension until a later date;
- select the level-income option if under the age of 62.

In the mail

All eligible Grummanites have received a letter explaining the plan, together with statements of their estimated pension and AID payments under all program options.

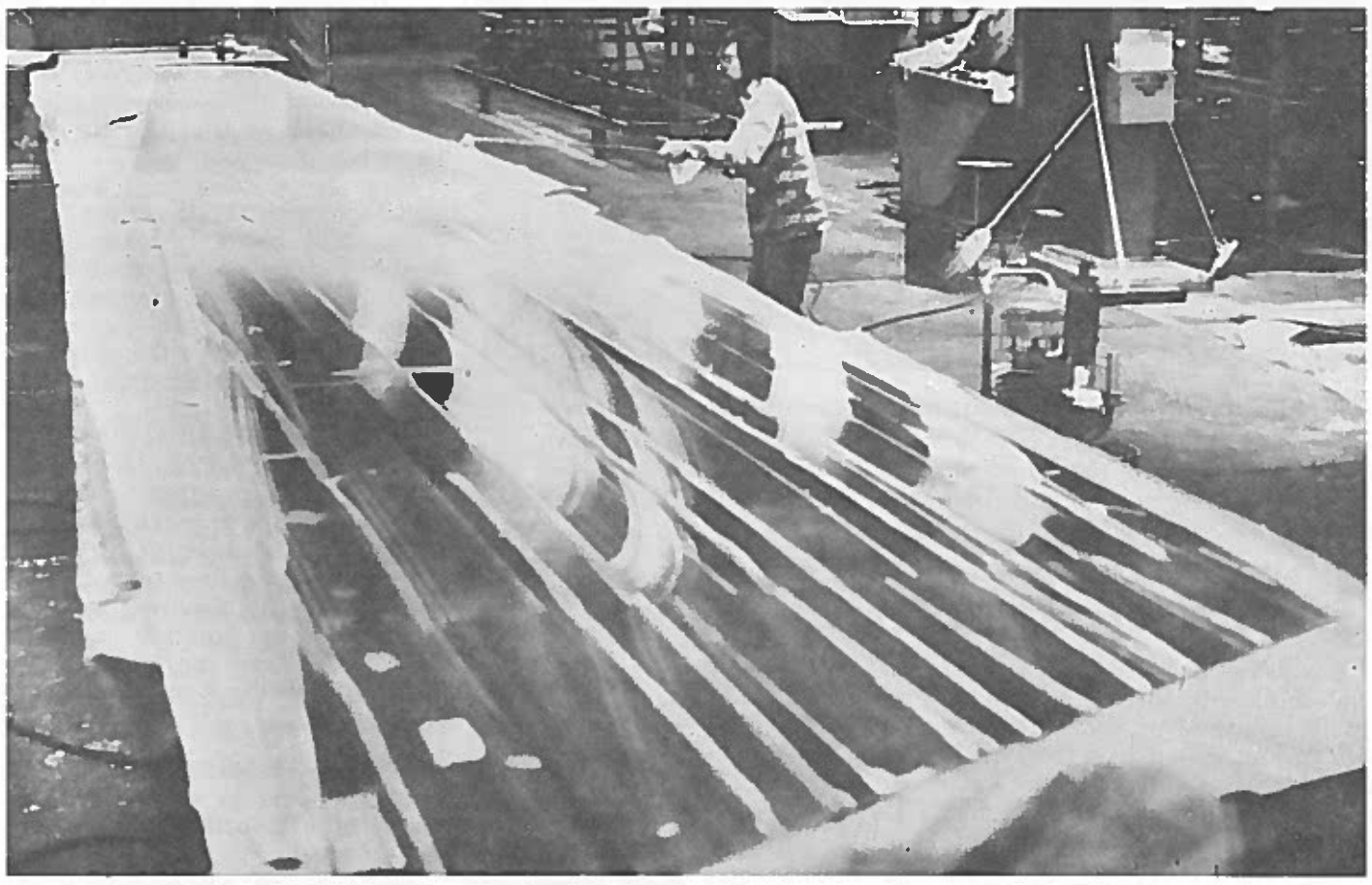
For all those who are eligible for early retirement, several AID seminars are being held to further explain the program.

Frank Campbell, manager of Personnel Relations, cautions those people considering early retirement about listening to unofficial "interpretations" of the plan. "The people who can furnish you with the right answers are Personnel Relations representatives in Plant 28, Ext. 3521."

Private sessions

In addition, individual and family retirement counseling will be offered to those employees who accept the AID program. These sessions will be held in the evening to provide information to Grummanites and their spouses concerning Social Security benefits, Medicare, health care, recreation, and other pertinent topics.

Boeing awards Grumman new 727 subcontract



The Plant 56 team in Glen Arm, Maryland, certainly knows how to keep the customer happy. The Boeing Commercial Airplane Company was so satisfied with the job Grumman did machining the upper wing skins for its 727 commercial transport, that it has awarded a second contract to machine the lower wing skins as well.

The new contract is worth $3.7-million, with a possible follow-on of $2-million. The pact follows the original $2.7-million agreement signed last August for the upper wing skins, a project still in progress.

Grumman Aerospace Chairman and President George Skurla comments that the new contract gives evidence of ". . .Boeing's satisfaction with our work, and demonstrates our potential to perform at an equally high level of excellence on their next generation of aircraft."

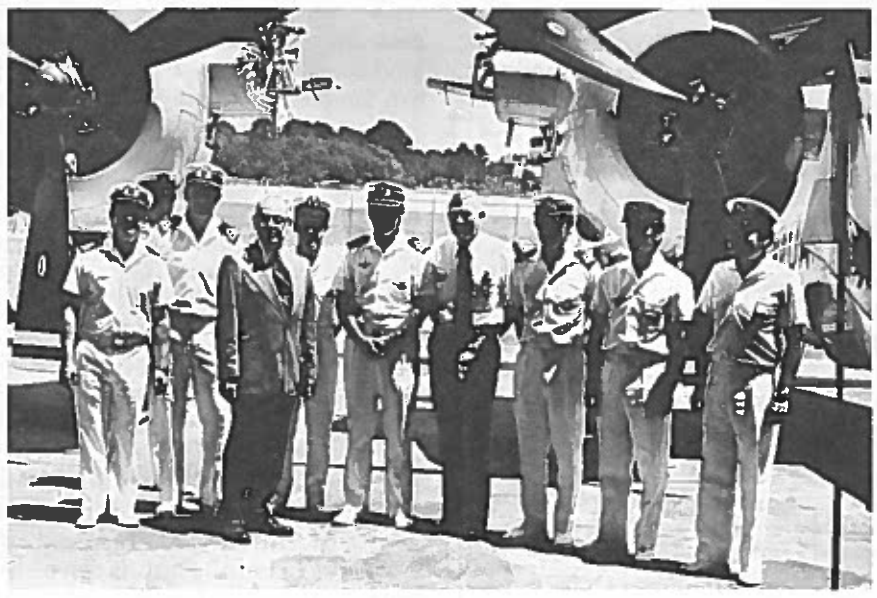
On the boards

The Boeing 767 twin and 777 tri-jet transports now in design at the Seattle firm represent a tremendous potential for Grumman subcontract efforts in 1979 and 1980, says Skurla.

The $3.7-million award calls for machining 172 sets of skins, with work starting in August 1978 and continuing at the rate of 12 a month into 1980. Each ship-set consists of four skins, two measuring about 52-by-4 feet each, and two about 48-by-2 feet.

Bethpage Operations General Manager Bill Trillo adds, "We have set the precedent and have obtained credibility with Boeing and by doing this, have established a base for additional work. This is a fine start for a major relationship.

Make first S-2E delivery to Argentinean Navy



Representatives of the Argentine Navy were recently at Grumman's Stuart, Florida facility to pick up the first two of six S-2E aircraft that Grumman is modifying for them.

The Argentine Navy purchased the S-2E's, which were produced by Grumman during the late 1950's, from the U.S. Navy's storage inventory in Arizona. Grumman received a contract from the Argentineans last year to update the submarine trackers—overhauling the engine, updating the navigation and communications systems, cleaning, painting, etc.

The first two were delivered on April 21; two more will be ready in June, and the last two in August. On hand for the first delivery were (L to R) Lt. Julio Covarrubias, CP Eduardo Morales, Lt. Fernando Sola, Vice President and General Manager-Stuart Operations Ed Dalva, CP Manuel Dargakis, Lieutenant Commander Jorge Enrico, S-2E Program Manager Bill Brown, Lt. Daniel Bullo, CP Enrique Soria, and CP Argentino Benitez.

calendar

AIAA: Tues., May 23, dinner 6:30 p.m., presentation 7:30 p.m., Antun's, Old Country Rd., Hicksville; L.I. Section; guest speaker: Elinor Smith Sullivan, historian, L.I. Early Birds — "Development of Aviation on L.I.;" guests welcome. S. Kalemavis, x7470.

Aikido Club: every Mon. and Wed., 5 p.m., Pl. 35 cafe; for sport and self-defense; L.I. Aikido Federation; all guests welcome. B. Bauman, x2910/M. Stock, x7186.

Alcoholics Anonymous: every Mon., 5 p.m., Pl. 15 conference room C; closed meetings; Personnel Relations, x3521; Calverton: every Mon., 4-5 p.m., Headquarters Bldg.; Great River: every Wed., 4-5 p.m., Pl. 43 conference room 3.

Amateur Radio Club: Wed., May 17, 5 p.m., roof of radio shack, Pl. 5; ARRL Field Day planning; all welcome. J. Courtney, x2536.

American Production and Inventory Control Society: Mon., May 15, dinner 6:30 p.m., presentation 8:00 p.m., Antun's, Hicksville; local chapter; guest speaker: Wm. D. McInturff — "Production and Inventory Control Employment Prospects;" all welcome. N. Heilweil, x2250.

American Society of Mechanical Engineers: Sat., May 27, 8 p.m., Garden City Casino, dinner-dance $36 per couple; guest speaker: Theodore Black, chancellor N.Y. Bd. of Regents — "Professional Self-Regulation." J. Albanes, 922-5370/(212)785-4094.

Coin Club (Bethpage): Wed., May 24, 12:05 p.m., Pl. 25 vendor conference rooms; informal lunchtime meeting; buy, sell, swap, talk coins. K. Hale, x3717.

Coin Club (Calverton): every Fri., U.S. and World numismatic, medals, tokens collecting of; Pl. 6; all welcome. W. Kondratowicz, x(117)6683/J. Kreussling, x(117)6550.

Duplicate Bridge Club: every Thurs., 6 p.m., Pl. 30 cafe; open competition, guests welcome. S. Campbell, x3382/F. O'Lear, x5120.

GACE Flying Club: Fri., May 12, 5 p.m., Pl. 28 auditorium; first film of six on "History of Flight;" also being shown "How Airplanes Fly;" all welcome. R. Reisch, x3286.

Grumman Model Railroad Society: every Wed., 5:30-9:30 p.m., Model RR Bldg. (at Pl. 3 rr crossing); regular meeting; guests welcome. R. Muntz, x(115)6044.

Grumman Scuba Divers Club: second Wed. every month, 7 p.m., Chateau Restaurant, Bagatell Rd.; local chapter; all welcome. A. Andreiev, x5540.

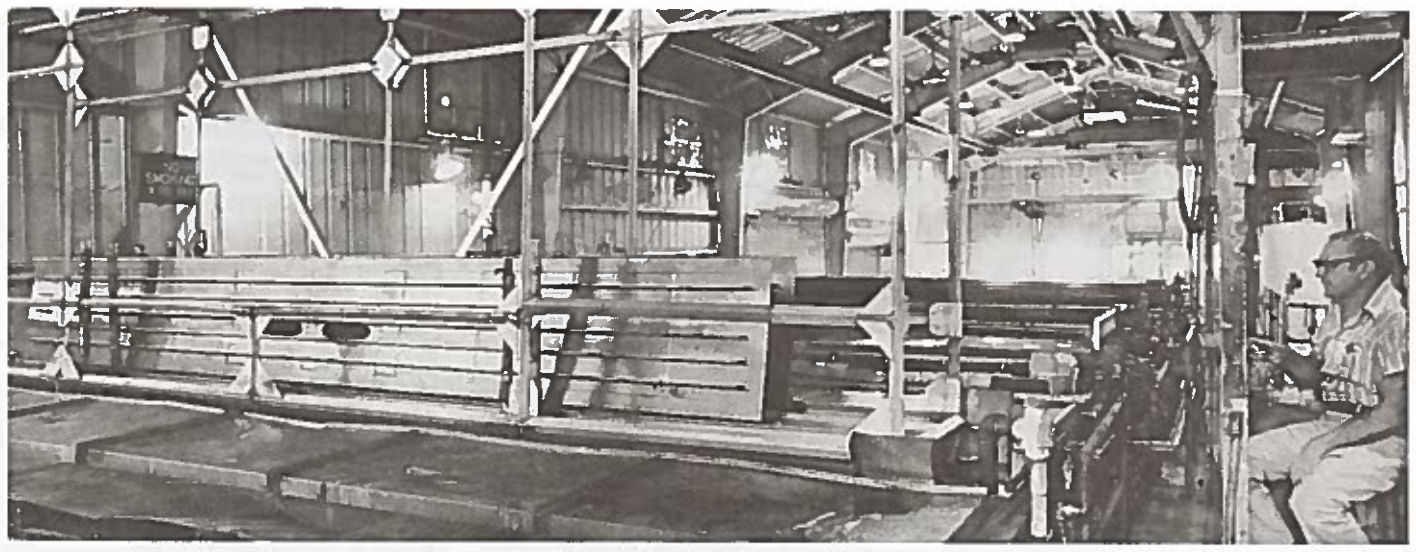
Grumman Tennis Club: second Wed. of every month, 5 p.m., classrooms A and B, Pl. 5. P. Andrews, x7345.

Grumman Toastmasters Club: Wed., May 17, 5-7 p.m., Pl. 25 conference room A; regular meeting with impromptu and planned speeches; Grumman and Grumman Navy office personnel welcome. J. Allison, x3475.

IEEE L.I. Section: Thurs., May 25, Brookhaven Nat'l. Lab., Upton, N.Y.; past, present and future history and activities of Brookhaven; tour of Alternating Gradient Synchyotyon; project "Isabelle" will be reviewed; guest speaker: Martin Plotkin; all welcome.

IES: reservations required; Thurs., May 18, Antun's, Hicksville, cocktails 6 p.m., dinner 7 p.m., presentation 8 p.m.; NY Metropolitan Chapter; guest speaker: Dr. Ralph Weston, senior chemist Brookhaven Labs. — "Man's Threat to the Atmosphere;" all welcome. J. Popolo, x6704.

Retiree Club: Wed., May 31, 1:30 p.m., Holiday Manor; local chapter; business meeting. E. Drasser, x2133/2269.



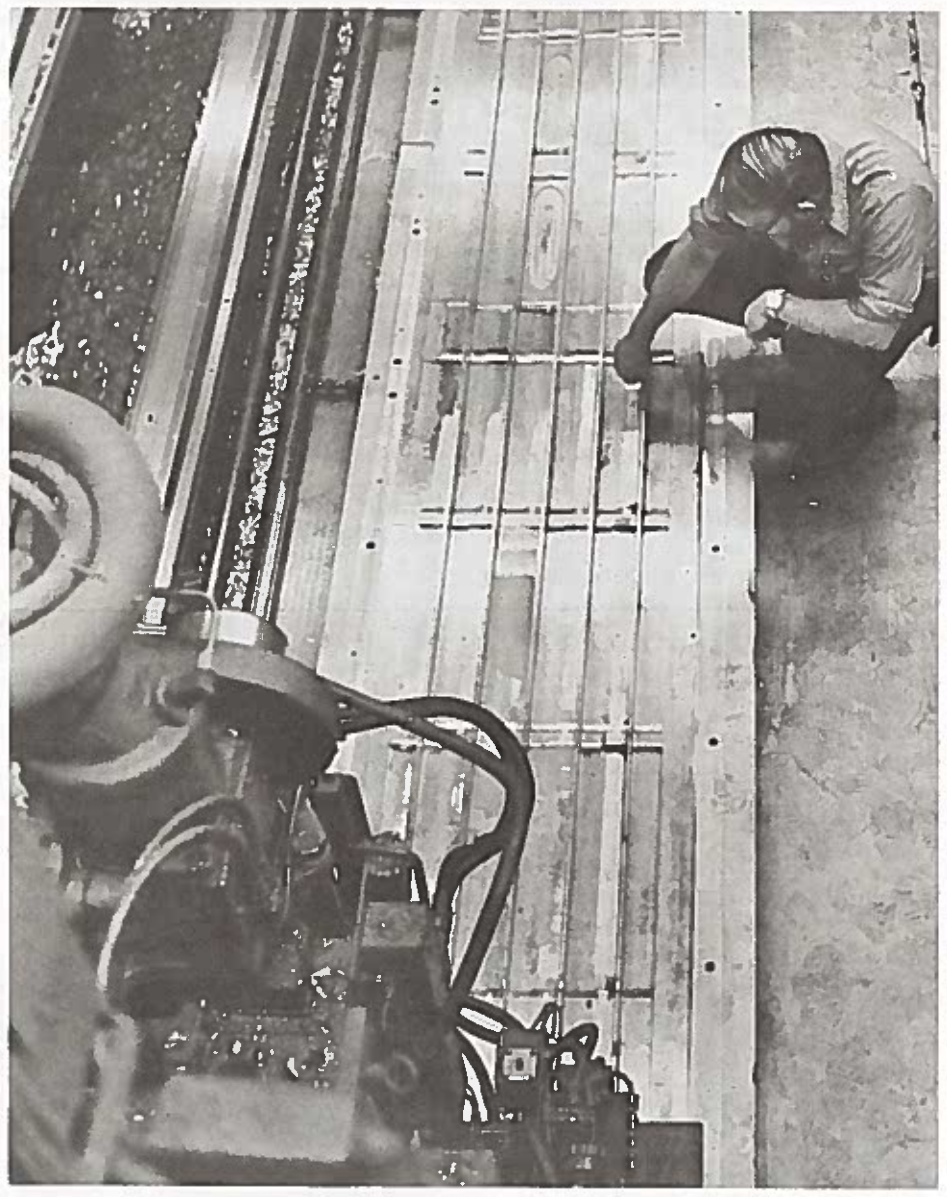
A-10 spreads its wings

Grumman Aerospace recently signed a follow-on contract with Fairchild Republic Company, a division of Fairchild Industries, to produce additional wing skins for the U.S. Air Force A-10.

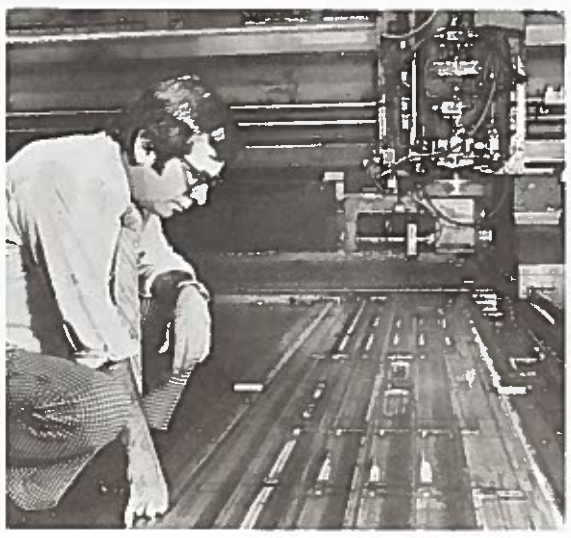
The machined wing skin order, consisting of 72 ship sets is valued at $490,000. It is in addition to the original 1977 contract of 50 ship sets which was valued in excess of $288,000.

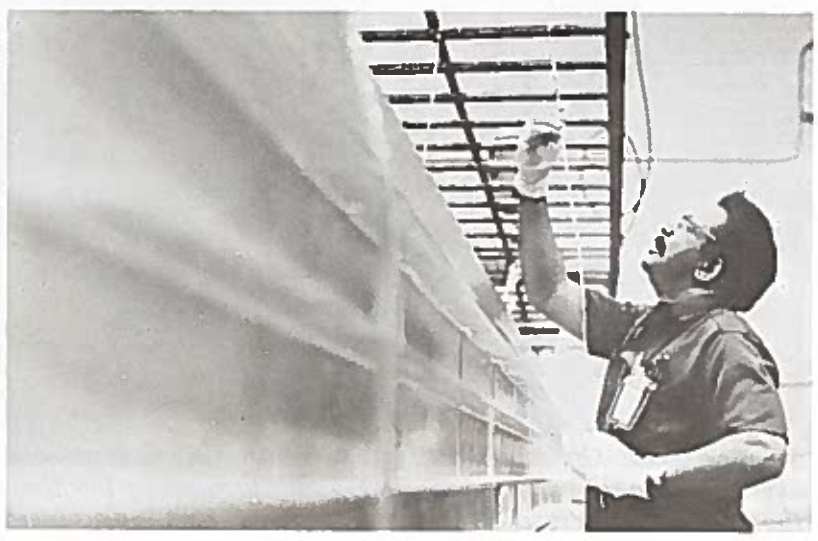
According to program manager Paul Butler, there is a strong possibility for even more orders in the near future. "The A-10 subcontract could approach $1-million," says Butler.

Wing skins are being produced at Plant 3. Currently, eight to 10 ship sets are being delivered each month.



Thunderbolt II. *Grummanites in Plant 3 will continue to deliver eight to 10 ship sets of wing skins for the new Air Force A-10 aircraft. Grumman just received a follow-on order from Fairchild Republic, valued at $490,000. (Photos by Rich Breunig)*





Expanding horizons

Training program offers Coleman new career path

"If anyone had told me 12 years ago that I could be an industrial engineer, I just wouldn't have believed them," says Nisi Coleman, a project manager in Non-metallics in Plant 25.

From 1966-68, Nisi was wiring and soldering during the night shift in Plant 2. She then worked as a shop clerk in Plant 2 until 1974.

"I was doing okay," Nisi says, "receiving periodic merit raises and so forth. But I never really felt challenged by my work. The idea of ever moving into a management position seemed completely unlikely."

Then in 1974, all that changed. Nisi was one of 800 Grumman women who received a letter about a pilot program — the Industrial Engineering Training Program for women. Of the 125 who responded to the letter, she became one of 12 selected for participation. The three-year program drew to a close last December, and all graduates had upgraded their skill codes to professional status.

"It was a terrific opportunity for all of us," says Nisi. "The training was very demanding at times and required more determination and self-confidence than I knew I had. But the payoff has been excellent, both in terms of growth potential and personal satisfaction."

All candidates received classroom instruction and on-the-job training in scheduling, production crew loading, production control, systems and procedures, material handling, and plant layout. They attended Grumman training courses in communications, motivation and productivity, supervisory skills, and basic management, in addition to seminars, film presentations, and plant tours.

"It was quite comprehensive," Nisi says. "And as a result, I think we're well equipped to handle the demands of the job."

Those demands have been more than just the demonstration of new skills. Nisi discovered that a fair amount of personal resourcefulness was necessary as well. After putting in a full day at work, she attended classes until 7:30 or 8 o'clock at night, and then put in a few more hours of studying when she got home. "I received lots of help and encouragement along the way," Nisi says, "but I'm glad that's all behind me now."

Today, Nisi spends her days attending meetings, planning jobs and schedules, working out budgets and status reports, and ". . . helping out in the everyday sort of problems that come up in the shop."

"I always knew I could do the job," says Nisi, "and I'm glad I was given the chance to prove it. I firmly believe that when you're given an opportunity, you should take it for all it's worth. It's a question of wanting it badly enough to make it work."

What's next? "Well, eventually I'd like to be a program manager. But sooner or later," Nisi says with a smile, "I think I'd make a terrific vice president."

On the job. *As a Resources and Planning manager, working out production schedules is only one of Nisi Coleman's many tasks. (Photo by Rich Breunig)*

New club is born

All Grummanites are invited to join the new Grumman Computer Club. If you are interested in finding out about future club activities, contact Winston Thaw, Ext. (113) 7915, after 2 p.m.

Correct tax errors by filing form 1040X

If you discover that the income tax return you just filed had an error in it, you can correct the mistake by filing a Form 1040X, Internal Revenue advises.

George Alberts, IRS district director for Brooklyn, Queens, Nassau and Suffolk, says that Form 1040X can be used to correct such common errors as failure to report income, forgetting to claim deductions, or claiming the wrong amount of a tax credit. But it shouldn't be used to correct arithmetic errors. IRS will correct those during processing.

Alberts points out that use of the 1040X is not limited to this year's filing or to errors that are caught immediately. "Generally, a taxpayer has three years to file the 1040X from the due date of the original return, or two years from the date of the tax payment, whichever is later."

The 1040X forms are available at local IRS offices, or they can be obtained by calling the IRS forms phone number: Brooklyn and Queens, 330-7267; Nassau, 294-3700; and Suffolk, 724-8836.

To the rescue. *Grumman men and women recently participated in a fire drill at Calverton Operations. About 120 Grummanites learned how to operate the fire hoses and extinguishers — just in case of an emergency at the final assembly and test facility. (Photos by Karl Thoma)*

Blood banks rely

on timely donations,

generous donors

the way it was

It could have started as long ago as 1930 — the year Babe Ruth captured his fifth consecutive home-run title and Grumman opened its doors for business. Grummanites have always used their lunch hours for something — and in the early years it was mostly for softball.

Grumman's entrance into the sports world officially began in the summer of 1932 when the company moved to larger quarters in Farmingdale and was invited to join the town's industrial softball league. The Grumman Yankees won the league pennant the next six years and eventually went on to win many regional ASA championships.

After the emergence of the Yankees, the company began sponsoring varsity basketball, golf, pistol, and bowling teams, in addition to a semi-pro baseball team called the Bombers.

Intra-mural lunchtime competition thrived during World War II. Softball and baseball diamonds — along with production plants and an airport — gradually replaced farm land when the company moved to Bethpage. Grummanites filled the bleachers and cheered loudly for their favorite department team.

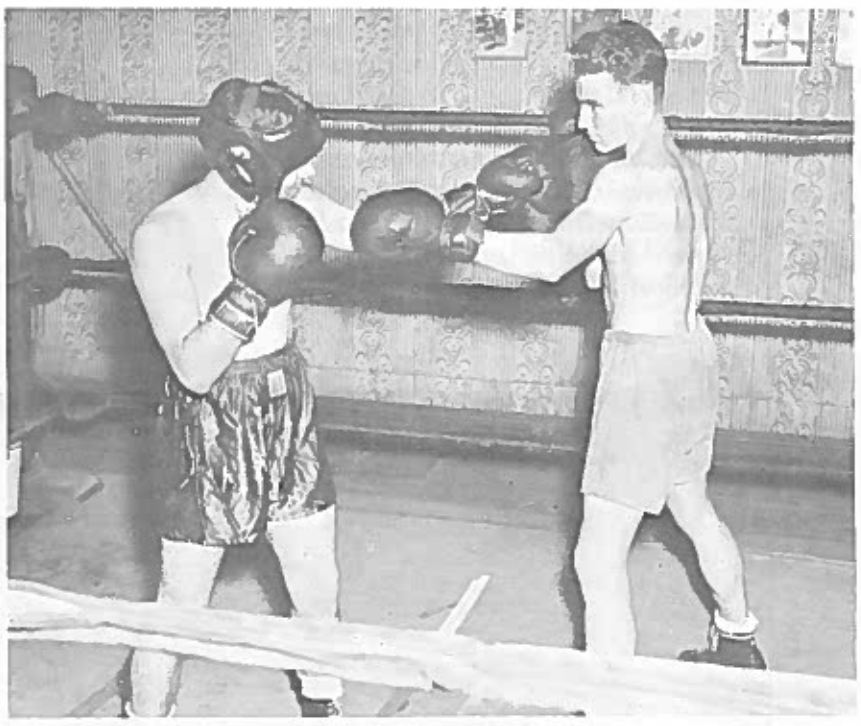
For those of more sedentary pursuits, there were glee clubs and dance bands. With a war-time workforce consisting of people from all walks of life, it was not unusual to see a woman in overalls playing the harp for her co-workers during lunch-breaks.

The late Jake Swirbul, then President of Grumman, was a great sports fan and frequently invited famous sports figures, and even movie stars, to say hello to Grumman workers on the production line.

Though baseball and boxing are no longer part of the Grumman Athletic Association scene, the spirit of competition still exists at Grumman.

If you don't believe it, on the next sunny spring day, pack your lunch and find a seat in one of the bleachers. Cheer for your favorite team. It won't take long to realize that cameraderie and sheer love of the game still lives on the company's playing fields — even though most of the players weren't even born some 45 years ago when Jake Swirbul threw out the first ball at the start of Grumman's first season.

Best of the lot. *Thirty years ago, the softball team to beat was Bill Hoffman's Boys of Plant 2 Tool Engineering-Tool and Die. They won the 1948 Tournament of Champions.*



Fairway champs. *In 1948, the Grumman varsity golf team consisting of (L to R) Caesar Roscigno, Tony Cisco, Owen Panner, Ted Domagala, Frank Messina, Jim Nelson, won the Bethpage State Park Trophy by beating Pan American in the final match.*

Grumman Yankees. *It didn't take long for Grumman's first varsity team to rise to the top of Long Island softball circuit at Jones Beach. If you look closely, you'll probably recognize many familiar faces in the line-up.*

Announce 1978 Grumman scholarship winners

With the cost of higher education skyrocketing, competition for Grumman Science and Engineering scholarships has become extremely keen. This year, over 400 high school seniors (the largest amount ever in the 34-year history of the program) vied for scholarships. During the week of April 3, 12 college-bound students learned that they were the winners in the 1978 competition.

Since 1944, Grumman has awarded 362 science and engineering scholarships "to encourage the pursuit of technological careers among the young people of Long Island." Twelve grants are awarded annually. Winners receive undergraduate tuition up to $3,000 a year.

But the scholarship offers even more than a yearly tuition grant. Scholars, during their summer's hiatus from studies, get work experience at Grumman. Then after successfully completing undergraduate studies, the scholars can look forward to employment by the company provided suitable positions are available at the time of graduation.

An even split

This year the winners are evenly divided between Grumman dependents and non-dependents. For the first time, one of the winners is the son of a former Grumman scholar. Peter Knapp, whose dad Fred Knapp is a mechanical engineer at Grumman, earned his scholarship 31 years after his father achieved the same honor.

Winners can select any accredited engineering school provided their primary interest is a long-term career in engineering or major supporting fields in the area of company activities. Courses of study open to scholars allow engineering students to specialize in aerospace, chemical, civil, electrical, industrial or mechanical studies. Science students can pursue majors in applied math, chemistry, computers, materials or physics.

Dependent as well as non-dependent winners and alternates are judged according to their college board scores, interviews and over-all scholastic achievements. The 1978 Grumman scholars are:

NANCY ALTMAYER will attend Princeton this fall, after graduation from H. Frank Carey High School. When not working part-time for the Franklin Square Library, Nancy plays violin in the school's orchestra and piano accompaniment for the chorus. She has been selected for All-County Orchestra. Nancy participates in science fairs, works on environmental pollutants and spent one summer programming a musical composition on a district computer. She is a Mathlete and writes for the school newspaper.

LOUIS CASAGRANDE recently returned from a two-year stay in Iran and re-entered Bellport High School where he is the salutatorian of his senior class. Active in the band, track, cross-country and the Math team, this National Honor Society member still finds time to participate in Explorer Scouts activities. Lou's science teacher has recommended him as the best student in the honors program this year. Lou plans to attend Amherst this fall.

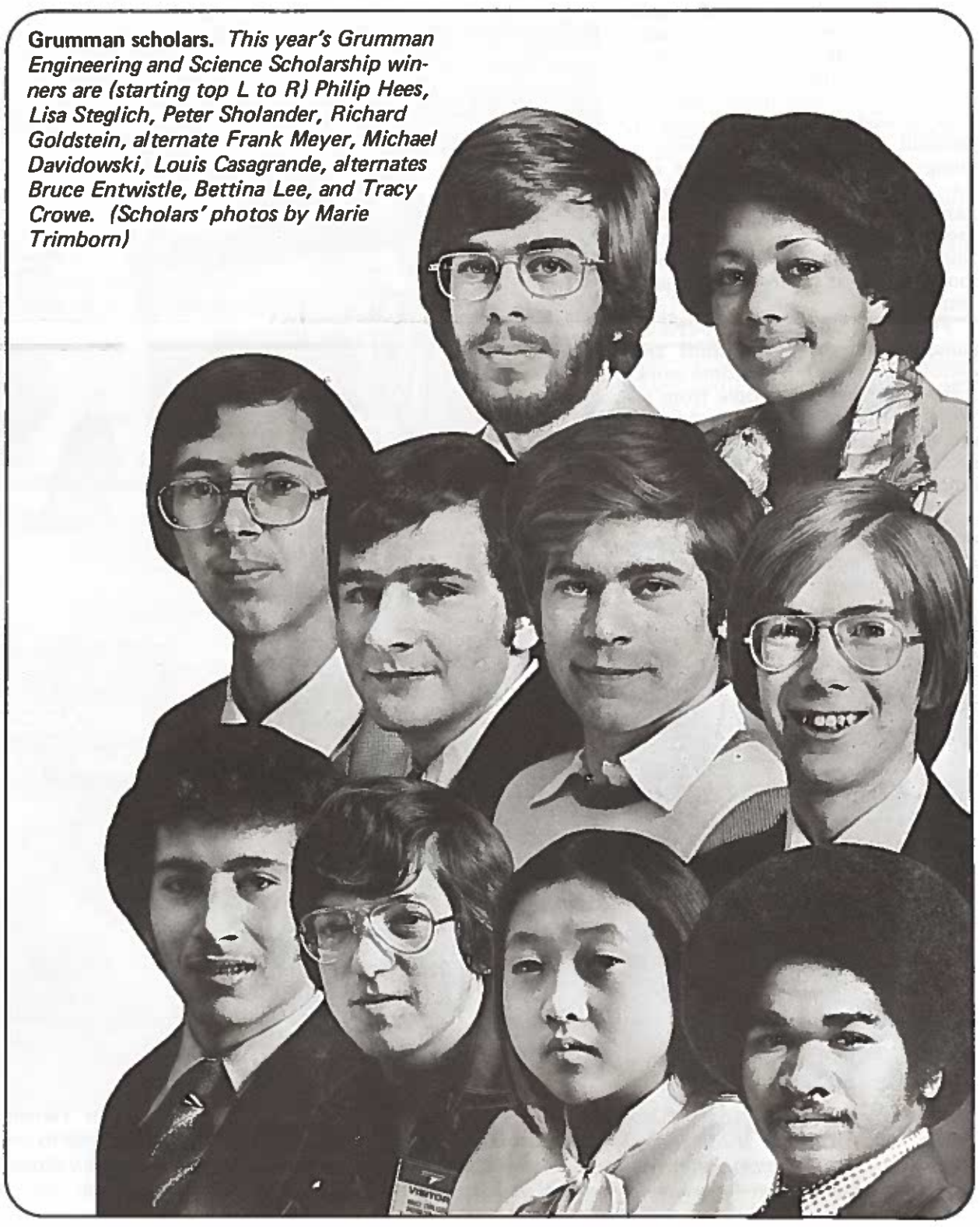
JOEL KESSELMAN plans to attend Rensselaer Polytechnic Institute after he graduates from Molinoff High School, a division of Hebrew Academy in Suffolk County. Joel has a head-start in his avowed future career of computer design; he programmed a micro-computer for Radio Shack. Besides computers, Joel has built electronic kits, models and he has dabbled in photography. Joel has also participated in a number of math and science fairs.

PETER KNAPP will enter Cornell this fall after graduating from Locust Valley High School this June. Peter will pursue a mechanical engineering degree. His interests include playing the lead part in two school plays, also playing in his high school orchestra, writing for the school newspaper and varsity tennis. Peter was a finalist in the National Merit Scholarship.

RICHARD MARKELOFF will attend Cornell this fall after graduation from Ben Cardozo High School in Queens. An Eagle Scout, Rich is a Junior Assistant Scout Master for Troop 101. He taught merit badges in summer camps for 10 weeks the past two summers. Rich is very interested in the Tokamak fusion energy program and conceivably could be working on it after he receives his degree in nuclear engineering.

SUZANNE WENZ, the valedictorian at New Hyde Park Memorial High School plans to attend an Ivy League school, preferably Princeton. Suzanne is the managing editor of her school newspaper and is also the yearbook financial editor and treasurer. Musically Suzanne has played in the band and orchestra. When outdoors, she can be seen playing for the field hockey team. A class representative and Mathlete, Suzanne is interested in a career in scientific research.

PETER SHOLANDER is Sanford H. Calhoun High School's salutatorian. Last summer Peter helped design, construct and test a hovercraft. Peter also hovered over a chess board long enough to win the Nassau County High School Chess Championship. As an Eagle Scout, he organized and directed a community project to identify historically and architecturally interest-



Grumman scholars. *This year's Grumman Engineering and Science Scholarship winners are (starting top L to R) Philip Hees, Lisa Steglich, Peter Sholander, Richard Goldstein, alternate Frank Meyer, Michael Davidowski, Louis Casagrande, alternates Bruce Entwistle, Bettina Lee, and Tracy Crowe. (Scholars' photos by Marie Trimborn)*

...dozen H.S. seniors win engineering grants

ing buildings. He plans to attend Rensselaer Polytechnic Institute.

MICHAEL DAVIDOWSKI will graduate from Hicksville High this June, and he also plans to attend Rensselaer Polytechnic Institute where he will major in aeronautical engineering. Last summer, Mike attended a National Space Institute program at NYU for six weeks of computer science studies. He is presently working on the yearbook as an editorial consultant. Michael plays trumpet in the marching band and captains the math team.

LISA STEGLICH'S physics teacher at Centereach High School credits her with a unique ability to represent physical concepts mathematically. He also says Lisa is one of the best of all the students he has ever taught. Lisa, a varsity gymnast, is the vice president of the National Honor Society. She is also assistant photo editor of the school paper and member of the Quill and Scroll Society. She intends to major in aerospace studies at Harvard.

PHILIP HEES created a new computer language while he was in the 10th grade at Half Hollow Hills High School. Right now he is building a self-designed micro-computer. Phil says when it is finished it will have the capability of a small computer with a 65,000 bit memory. Phil runs cross-country and track, plays trombone and is a member of the Mathletes and two computer organizations. Phil will attend Worcester Polytechnic Institute.

MICHAEL GLATMAN is on the newspaper staff at John H. Glenn High School. Perhaps the school's namesake helped wax Michael's interest in rocketry; he is ranked seventh nationally in his age group by The National Association of Rocketry (NAR). Michael has been the president of the Elwood Association of Rocketry for the past three years and is the head chairman of the Suffolk County Chapter of NAR. He rockets a tennis ball too. Mike served as an assistant pro at the Wellington Racquet Club. A member of the Mathletes, Mike will attend Cornell.

RICHARD GOLDSTEIN, valedictorian of Carle Place High School, "is the most brilliant student I have seen in my 22 years at Carle Place", says his science teacher. Richard has taken Linear Algebra and Differential Equations courses at Hofstra University where his father is the Associate Dean. Richard plans to attend Massachusetts Institute of Technology and gain a degree in aeronautical engineering. His goal is to obtain a doctorate in the aerospace field. Richard's hobbies include model rockets, ham radio and clarinet.

Should a winner have a change in plans over the next four years and no longer qualify for a Grumman Engineering Scholarship, an alternate will then step into the vacancy.

The alternates this year are:

BRUCE ENTWISTLE, who will graduate from Brentwood High School this June and enter Massachusetts Institute of Technology to major in chemical engineering; BETTINA LEE of Martin Van Buren High School who plans to attend Columbia and major in computer science; FRANK MEYER, who will graduate from Ross High School in Brentwood and attend a State college where he will major in aerospace or nuclear engineering; and TRACY CROWE, who will graduate from Glen Cove High School and attend Worcester Polytechnic Institute where he will study for an electronics degree.

Parent's delight

Of course, Grumman parents expressed their delight when they learned their children were the recipients of the awards. A pleased Frank Wenz, an electrical engineer in Plant 1, said of his daughter, "Suzanne is the type of person who will work very hard toward a certain goal and give that little bit extra to see it through." His wife Virginia summed up the family's feelings about the good news: "When we heard Suzanne won, we were filled with happiness. If one family member receives such an honor, we are all honored."

With three older children recently attending college, Nicholas Markeloff, a stress analyst in Plant 25, was elated that his son Richard won a Grumman scholarship. His wife Lotte was delighted but not surprised; sister Linda added, "When we heard he was a finalist in the competition, I knew Rich would be one of the winners."

"Coming from such a small school (Hebrew Academy in Suffolk County), I thought Joel might be overlooked," said Marty Kesselman, a research engineer in Plant 35. "It was a really

(Continued on page 10)

Mementoes of Isfahan. *The Casagrande family (L to R) Philip, Zita, scholar Louis and dad Louis display some of the memorabilia they brought home from Iran.*

Family gathering. *The Kesselmans pose for a family portrait (clockwise from left) sisters Sharon and Toby, dad Marty, scholar Joel and mother Irene.*

Select six dependents for scholarships

(Continued from page 9)

big, but very pleasant and deserving surprise. Joel is a top student and you can be sure he will make the most of this opportunity." Joel's mother, Irene, added, "With the caliber of the competition Joel was up against, winning is a great honor."

"After all these years of looking at pictures of Grumman scholars in PLANE NEWS, this year's competition kind of sneaked up on us," observed Lou Casagrande, a mechanical engineer working on the Tokamak Project at Princeton. Young Louis' scholarship has an international flavor as he spent two of his high school years with his family in Isfahan, while his dad was on an Iranian assignment. "With the moving and the stiff competition Louis was up against, making the finals would have been honor enough. Winning it is a great achievement," said his mother Zita.

Twelve-year Grummanite, Narda Altmayer, a senior civil engineer in Plant 31, said, "My husband Ronald and I are grateful for the opportunity the scholarship grants, and Nancy is looking forward to gaining valuable work experience this summer at Grumman. It is a very generous award."

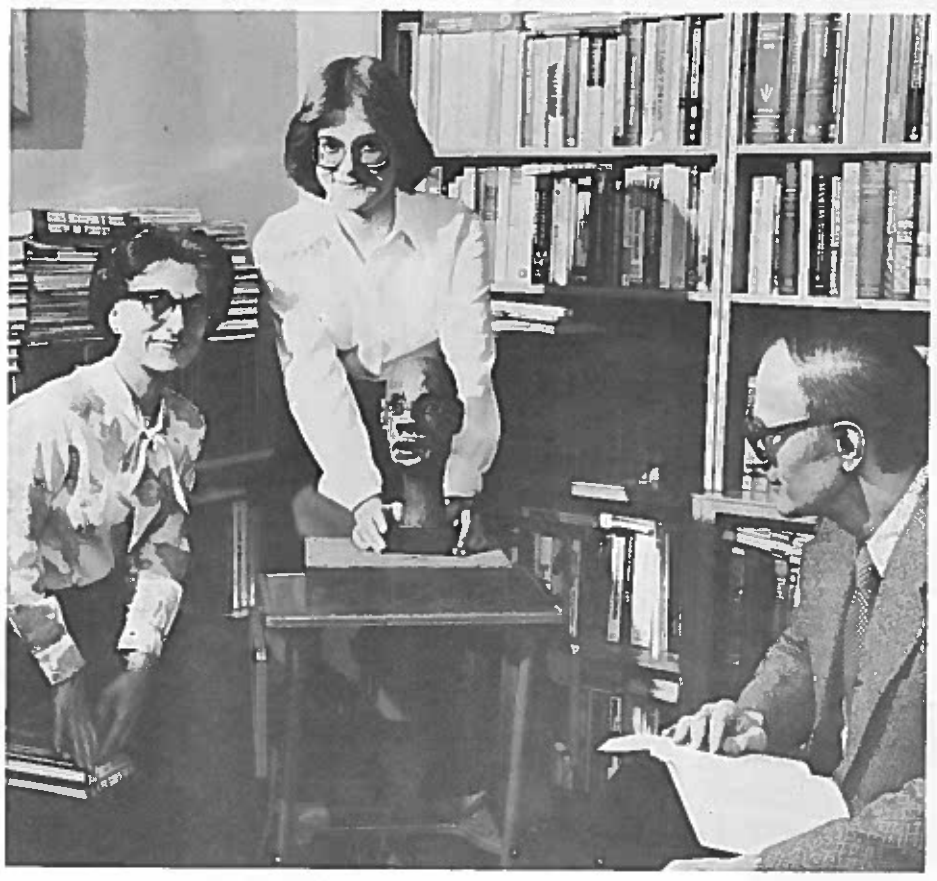
Scholarship Committee

The Scholarship Committee selects the Grumman Science and Engineering Scholarship winners. Committee members are: Jack Bierwirth, Grumman Corporation Chairman of the Board; Joe Gavin, Grumman Corporation President; George Skurla, Grumman Aerospace Chairman of the Board and President; Jean Esquerre, co-director of Opportunity Development Department and a member of Grumman Aerospace's Board of Directors.

The Scholarship Recommendation Committee is responsible for selecting a list of finalists from the hundreds of Grumman Scholarship entrants. Committee members are: Senior Vice President Larry Mead Jr., director of Departmental Operations; Vice President Tom Kelly, director of Engineering; Vice President Dominick DeFalco, Grumman Data Systems; Bob Fitzpatrick, corporate director of Quality and Safety, Grumman Corporation; Dr. Renzo Caporali, director of Advanced Systems Technology, Grumman Aerospace; and Dan Knowles, director of Personnel, Grumman Aerospace.

This year's Grumman scholars will be introduced to the Grumman family at a special luncheon held in their honor on Thursday, June 8, at the Holiday Manor in Bethpage. The scheduled speaker is Edwin Kintner, director-division of Magnetic Fusion, Energy Research and Development Administration.

It's your move. *Grumman scholar Richard Markeloff's tentative move has his father Nicholas smiling. His mother Lotte waits for her turn at the board.*



A musical sculptress. *All-Nassau County Orchestra violinist Nancy Altmayer does a little carving on the side. Parents Narda and Ronald approve their daughter's handiwork.*

Number one. *Suzanne Wenz' high school year book lists her as valedictorian of her class. Sharing the moment are father Frank, sister Christine and mother Virginia.*

In the field

Back on the deck. *Cdr. Ward West of VF-41 welcomes Grumman team leader Wayne Naihe (R) back to the carrier after his first flight in the F-14 Tomcat.*

It would be an understatement to say that the Navy likes the way Grumman Field Service representative Tom Smith does his job. Smith recently received the Navy Commendation Medal in recognition of the "superior support" he provided to A-6 squadron VA-75 and EA-6B squadron VAQ-138 during their recent deployment aboard the USS Saratoga.

Signed by Secretary of the Navy Graham Claytor, the citation says of Smith: "displaying uncommon devotion to duty and unmatched professional competence, he provided expert managerial assistance to the USS Saratoga. . .which contributed significantly to the operational readiness of both squadrons. . . . (and) enabled both squadrons to achieve superior levels of operational readiness. His zeal in accomplishing each assignment, and his personal efforts to improve problem areas which were beyond the scope of his normal responsibilities were an inspiration to all he associated with."

Riding high

Navy fighter squadron VF-24 has a lot to be proud about.

The "Fighting Red Checkertails" recently received the Adm. Joseph Clifton Award for 1977, named in memory of the distinguished World War II fighter pilot.

In nominating VF-24 for the Clifton Award, Rear Adm. Frederick Fellowes, commander of Fighter Airborne Early Warning Wing & Pacific, stated that VF-24 "demonstrated tactical awareness and astute weapon system knowledge while maintaining outstanding aircraft readiness and personnel retention. The Fighting Red Checkertails' contributions to fighter aviation have been outstanding."

In the weapons system development, VF-24 was the first F-14 squadron to extensively evaluate external tanks, providing a significant increase in combat readiness. The West Coast squadron's aircrewmen have demonstrated their professionalism by winning 88 individual Battle Ready Excellence Awards in missile firing and air-combat maneuvering exercise. VF-24 has flown over 6,000 accident-free hours in the Tomcat during the past 23 months.

In addition, Lt. Cdr. Vic Kovaleski became the third Navy pilot in Tomcat history to log 1,000 hours in the F-14 and Lt. Cdr. Rick Bradley became the fourth soon after.

Backseat rider

As Grumman team leader for the F-14 aboard the USS Nimitz, Wayne Naihe recently had the rare opportunity to see first hand how well his team was performing. Lt. Cdr. Ward West, VF-41 commander, scheduled Wayne on an air-intercept hop in the back seat of a "Black Ace" Tomcat.

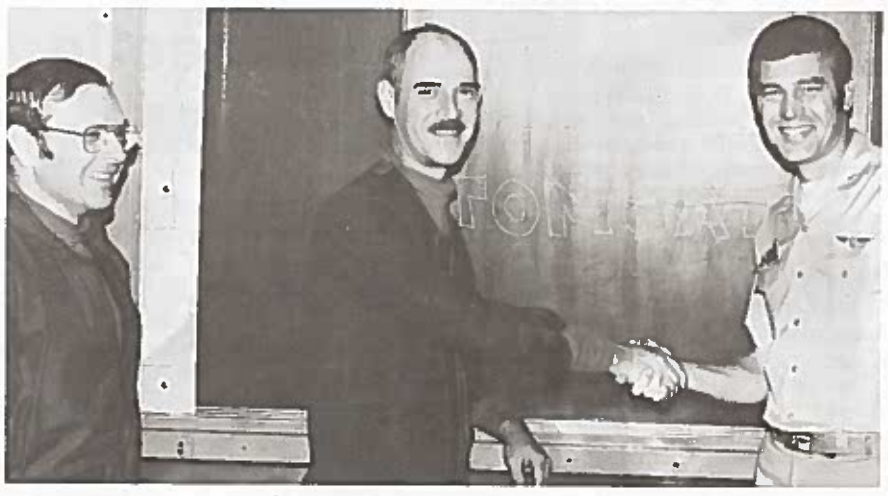
With F-14 pilot Lt. Roger Burnett, the Grumman Field service representative saw first hand how well the Tomcat's radar and weapons system work in flight — and logged his first catapult and arrested landing.

"The dedication, expertise and skill of Wayne and the other Grumman technical representatives who go to sea with VF-41 play a vital role in the combat readiness of the F-14," said the commanding officer. "It is a pleasure for VF-41 to extend this opportunity to Wayne — and a positive asset to have the Grumman technical representatives with us."

Safety first

In January of this year, the VF-14 "Top Hatters" wrote a new chapter in Tomcat history when they registered 10,000 accident-free flight hours in the F-14. On the record-breaking flight were Lt. (jg)'s Tom Cavanaugh and Ted Hardwood.

During their two most recent deployments aboard the USS Kennedy and USS Eisenhower, the "Top Hatters" amassed 6,800 flight hours and 4,000 carrier landings with the Tomcat. The F-14 squadron has had 12,714 accident-free hours since 1973 when it lost an F-4B due to inflight fire.



Dual milestones. *Cdr. Ron Ball, commander of CVW-6, congratulates Cdr. Jim Lusk (R) of VF-143 on his 300th F-14 trap. Cdr. Karl Volland (L) became the first backseater to hit the 1,000 flight-hour mark in the Tomcat.*

Bullseye Hummers celebrate

January 28, 1978 was a landmark day for the Bullseye Hummers of VAW-124. Aboard the USS America, flight technicians AT1 Ed Perrin (2nd R) and AT2 Chris Powers (R) made their 200th arrested landing in an E-2C Hawkeye. Flying as combat information center officer on that same flight, Lt. (jg) Ron Harrell (2nd L) completed 1,000 hours in the Hawkeye. Pilots for the flight were Cdr. Jimmy Slaughter, VAW-124 executive officer (C) and Lt. (jg) Jon Jonas. The entire crew has flown over 5,000 hours in the E-2 and has made over 700 traps aboard the America.

what do you think?

Your palms are sweaty, your neck muscles are tight, and you've got an irresistible urge to bite your nails. Everyone gets uptight once in a while. . .and everyone has a method of coping with it. Here's what Grummanites in Plant 4 and Plant 5 had to say when PLANE NEWS asked them how they handle stress. What do you think?

Dorothy Todd

When I feel that I'm under stress, I try to take one thing at a time — just to pull out one problem and work on that. I also try to plunge into some sort of physical activity, such as gardening or bicycling.

John Bardenhagen

I like to go home and have a glass of beer and talk to my wife. I've got little or no stress on the job . . .everybody knows their job and gets it done. Things here go pretty smoothly.

Bob Lendino

First of all, I think it's important to identify the problem. . .to find out what it is that's making you feel anxious. That way you can deal with it. But once you've got it out in the open, I think running or jogging is a great way to work it off.

Charles Lee

When I'm tense, I like to go out in the back yard and do a little gardening. In the summertime, I like to go swimming — I've got a pool out back. What's adding to my stress right now is that the pool fell apart and I've got to get it fixed.

Robert Gunter

To be honest with you, I don't really feel very much stress. I'm not a worrier, and I just try to roll with the punches. Problems will go away, but I'm still going to be here. . .so why should I give myself an ulcer by getting all upset?

Gail Plummer

Talking it out is what usually works for me. When something's bothering me, I talk to someone about it. . .usually my sister. That always makes me feel better.

Ernie von der Heyden

I try to retain a sense of humor, do the job the best way I can, and maintain good relationships with people . . .and a sense of humor is very important for that. I think that by decreasing the stress around you, you decrease the stress inside you.

Jerry Antonucci

Sometimes, something as simple as getting a drink of water or a cup of coffee seems to work. Anything that gets you away from a stressful situation for a while and takes your mind off whatever is bothering you can help.

Muriel Kingery

I just try to remind myself that, whatever is bothering me will probably all pass away by tomorrow. I think getting a good night's sleep when your're under pressure is very important, too.

Nancy Deile

I really believe in physical activity for working off stress, such as bowling or tennis. I belong to an exercise class and I find that a big help. . .but what I like best is taking a long, long walk to think things out. . .preferably along the beach.

Ron Price

I guess I have a lot of ways of dealing with stress. Basically, I have a very happy family life. . .I go home and discuss things with my wife. I also exercise a lot. I play ping-pong at lunch time, and I spend about 15 minutes a day doing yoga. It's mental concentration and stretching exercises . . .you just relax and tell your body, "let it go." People don't take advantage of the terrific capability that's built into our systems to slow ourselves down.

Attention concerned citizens

How to address the Executive branch

You're a concerned citizen. When things go wrong or someone's not doing the job right, you want to do something about it. But, if you're like most people, you don't always know where to go to get the action or the information you need.

For instance. . .if you open up a box of granola and three of the raisins have feet, and the granola company has no satisfactory explanation for you, what do you do next?

Below is a list of a few of the government agencies you can turn to for help and information on food quality, the environment and many other areas.

Council on Environmental Quality
722 Jackson Place, N.W.
Washington, D.C. 20006
(Serves as a White House advisory group)

Superintendent of Documents
Government Printing Office
Washington, D.C. 20402
(Sells government literature)

Department of Housing and Urban Affairs
451 7th St., S.W.
Washington, D.C. 20410
(Small program on solar energy and energy conservation)

Food and Drug Administration
Department of Health, Education and Welfare
5600 Fishers Lane
Rockville, Maryland 20852
(Regulates food quality)

Cecil Andrus, Secretary
U.S. Interior Department
Washington, D.C. 20240
(Oversees management of public lands and wildlife resources, and leasing of minerals exploration on public lands and Outer Continental Shelf; agencies within are Bureau of Land Management, Bureau of Outdoor Recreation, Fish and Wildlife Service, National Park Service, Bureau of

Mines, Bureau of Reclamation, Geological Survey, Bureau of Indian Affairs)

Environmental Protection Agency
Region II
Room 1009
26 Federal Plaza
New York, New York 10007
(Coordination of federal programs dealing with air and water pollution, solid waste management, toxic substances, pesticides, radiation and noise. Sets and enforces standards for pollution control.

Juanita Kreps, Secretary
U.S. Commerce Department
Washington, D.C. 20230
(Oversees a wide assortment of government agencies, including the National Bureau of Standards, the National Weather Service, the National Technical Information Service, and many others)

Army Corps of Engineers
Department of the Army
Washington, D.C. 20314
(Construction and maintenance of water resources projects and commercial waterways; regulation of waterway dredge and fill operations)

John O'Leary, Administrator
Federal Energy Administration
Federal Building,
12th and Pennsylvania Ave. N.W.
Washington, D.C. 20461
(Develops policies and programs to increase domestic production from coal, petroleum, natural gas, nuclear fuels and other energy sources; oversees siting, licensing and construction of domestic energy facilities)

Robert Fri, Acting Administrator
Energy Research and Development Administration
Washington, D.C. 20545
(Central agency for development of energy technologies; program areas include fossil fuels, nuclear, energy conservation and alternative energy)

Brock Adams, Secretary
U.S. Department of Transportation
Washington, D.C. 20590
(Oversees the federal highway programs, urban mass transit development, the U.S. Coast Guard and the Federal Aviation Administration)

PAC meeting set for May 17

The first annual meeting of the Grumman Political Action Committee (PAC) will take place on Wednesday, May 17, in the Plant 4, hangar 3, at 4:30 p.m.

All members (those who have contributed to PAC) are urged to attend. If you are planning on attending the annual meeting, please inform your Employee Services office.

Jack Bierwirth, Grumman Corporation Chairman, and George Skurla, Grumman Aerospace Chairman and President, will speak at the annual meeting.

Paint, Alodine set up new home in modern shop

All that jackhammering and drilling in Plant 2 during the past few months is beginning to show the fruits of much labor, especially in the finishing area where some benefits of the renovation can be seen in the Alodine and Paint department.

Leadman John LaRusso says, "Not only is it more efficient to space the Alodine and paint operations next to each other for a smoother work flow, the work area itself is much better."

Previously the finishing area in Plant 2 had a 28-foot high ceiling. By covering the ceiling, now Grummanites work in an air-conditioned, brightly lit environment. "It's like walking into a new building." says Judy Munroe, who numbers and racks parts for painting.

In the paint area, the waterfall may soon dry-up. Testing with one of the paint booths, utilizing an air funnel rather than running water to exhaust fumes, has proven very satisfactory . . . and it's cheaper. Maintenance and plumbing on the many pipe fixtures necessary for the waterfall is now almost nonexistent.

Sadly, some of Grumman's past had to give way to the new during a modernization effort; in the case of Plant 2, this comes in the form of paintings and wall murals which have been part of the scene since the early forties.

But that doesn't mean the new walls have to remain drab. Earth-toned color schemes are being planned for many areas. The first is an orange, brown and yellow chevron in the finishing area.

Dick Patwell, planning director for Bethpage Operations says, "We owe the success of the project to the combined efforts of Facilities Engineering, Facilities Maintenance, Production and Manufacturing Technology departments. They are giving an outstanding effort."

New look. *The Paint department is experimenting with a new dry booth utilizing an air funnel to exhaust fumes.*

Setting up new home. *The bold chevron on the wall and lowered ceilings have given the Plant 2 finishing area a modern look. (Photos by Rich Breunig)*

Uncover historic mural

Removing a wall can be arduous, boring, or, as in Plant 2 recently, an artistic happening. Behind a "false wall" in the old Grumman library hung a mural painted by former Grummanite Dan Celentano in the early 1940's.

"The Flight of Man" features (above L to R) Icarus of Greek mythology who soared with artificial wings of feathers and wax until he flew too close to the sun; Leonardo da Vinci, artist and inventor in the 1500's who designed, among many things, a working model of a primitive helicopter powered by a spring; Sir George Cayley, father of aerodynamics, who formulated the concept of the modern airplane; and Otto Lilienthal, the figure about to jump off the cliff in the background, who experimented with hang gliders in the late 1880's.

Artist Celentano also depicted many of Grumman's contributions to naval aviation, most notably the Hellcats and Wildcats that were serving gallantly in World War II at the time.

The man at the drawing board at the far right might be designing Grumman's first jet; limited only by his imagination, he may be thinking of a machine that could escape the earth's gravity. . .maybe even reach the moon?

According to Herman "Schoney" Schonenberg, Grumman historian, the mural was removed intact and is now undergoing refurbishing. It will then be used in various Grumman historical exhibits, he says, and hopefully find a permanent home someday in a local museum.

Perfect season. *Members of the L.I. Industrial basketball league championship team are Grummanites (L to R) standing - coach Tony Razziano, Jim McKinstry, Gene Cromwell, Larry Bates, Nate Kelly, Paul Knopf, Richie Brown, assistant coach Lee Gendron; kneeling - Joe Davis, Gary Flynn, Richie Washington, and Larry Tarvin. (Photos by Bob Settles)*

Hellcats win hoop championship

The Grumman varsity basketball team changed its strategy this season — and it paid off. The Hellcats are the 1978 Long Island Industrial league champs.

Throughout the year, the Grumman hoopsters relied heavily on a tight man-to-man defense. By the end of the regular season play, they had an umblemished record of 10-0 which guaranteed them a berth in the final play-offs.

Final showdown

Late last month, they met their long-time rivals, the Nassau County Police, in the final game. Grumman didn't take long to demonstrate its tight defense.

Thanks to the defensive rebounding of Larry Bates, Paul Knopf, and Jim McKinstry, guards Richie Washington and Larry Tarvin were able to make fast breaks and score with easy lay-ups, reports Razziano. At the half, they held a healthy 14-point lead.

The tide turned in the second half when the police began controlling the Grumman boards. With one minute left in the game, the score was tied 74-74.

Two foul shots by Larry Bates and then by Paul Knopf, sewed up the game — and that championship season.

Time-out. *With one minute left to play in the championship finals, coach Tony Razziano gives last minute talk to his team.*

Perfecto!

Late entries into the annual GAA drive 100 percent department listing are: Security and Personnel Services Mgmt., Corporate Security, Plant Protection, and Configuration Data Mgmt.

metrics

You and your golf buddies have a bet going on the par-five 18th hole. A liter of the winner's favorite beer is up for grabs.

You tee up. With perfect timing, you smash the ball into a 40 kilometers-per-hour gust of wind. The ball lands close to 230 meters (m) out — smack in the middle of the fairway.

The most direct approach to the green is over a cluster of 18m high pines. You take a chance. With your 4-wood, you aim straight for the pin. It sails 183m and lands in a bunker to the right of the green. You chip it over a 1.5m lip and it lands 10.6m from the flag. One more stroke and the ball disappears into the cup for a birdie. Your friends slap you on the back and buy you that liter of beer.

Playing golf in the metrics system can humble even the most boisterous duffer. Translated into the linear system, you had a great hole. For instance, you drove 250 yards into a 25-mph wind; your second shot travelled 200 yards over 60-foot pines; and you chipped over a five-foot lip and then sunk a 35-foot putt.

But there is one area of the metrics system that golfers will love. That liter of beer you quaffed is equal to 1.06 quarts.

Mets tickets

The Grumman Athletic Association is once again offering discount tickets to several N.Y. Mets games at Shea Stadium.

Tickets are now on sale for the Pittsburg-Mets game on June 23. Admission is $4.50; round trip bus transportation is $2 per person.

For more information, contact GAA, Ext. 2133.

scorecard

After many futile attempts to launch an intercompany bowling league on Long Island, the first L.I. Industrial Summer league begins play on Tuesday, June 6.

League action will take place every Tuesday evening starting at 6:30 p.m. at the Sterling Bowl on Union Turnpike in New Hyde Park.

Any Grummanites wishing to enter a team, should contact Herb Mahoney, Ext. 2133. The teams can be all-male, all-female, or mixed. The only requirement is that one member of your team be a Grummanite.

Teams in this newly formed league will play against other company squads from the Long Island area.

If you are unable to attend or wish additional information, contact Pat LeRoux, Ext. 4305.

Summer bowling

The Grumman Rainbow Summer bowling league meeting will be held on Wednesday, May 24, at Syosset Lanes, at 6:30 p.m. Keglers interested in joining this summer league should contact Herb Mahoney, Ext. 2133 or 2269.

Net varsity

The Grumman men's varsity tennis team trials will be held on Tuesday and Thursday, May 16 and 18, at the Bethpage Tennis Center, Norcross Avenue, from 5 to 7 p.m.

For information on registration, contact Andy Kaufman, Ext. 6240.

A season to remember

It's been a particularly memorable season for three Grummanites in GAA-sponsored bowling leagues.

Bob Maller of the Gray league finished 10 pins short of a perfect game by rolling 290. At the Rocky Point Bowl, Jody Foster rolled 278 in the Grumman Goose league. On the final night of play in the "Just for Fun" league, Sharon Grosser registered a 258 game.

Equestrians

There will be an organizational meeting for all those wishing to join an Equestrian Club on May 16, 5:30 p.m. in the Plant 28 auditorium.

The new GAA club plans to ride at the Bethpage State Park one night a week. Instruction will be available.

End of season

The Grumman Pocket Billiards Handicap league recently wrapped up its 1978 season.

Long-time league member Bill Gander of Plant 5 captured the regular season title — just before retiring from Grumman. He claimed the number one slot by defeating 16 opponents. Runner-up was newcomer Wayne Parham of Plant 30.

On his way to the 1978 league championship tourney title, John DeMarco of Plant 30 made a clean sweep. But it was not an easy task for the former GAA pocket billiards champ. At times, he had to spot his opponents close to 50 balls in the 75-point games. Rudy Polacek of Plant 36 won second place honors.

Big turnout

Over 120 Grumman men and women participated in this year's Bethpage table tennis tournaments, reports tourney director Frank Malone.

In "A" division action, Clint Watson edged John Lee in the finals, 21-17, 22-20, to win the title. Watson then joined forces with Lee to defeat Tony D'Ambrosio and Steve Lake, 21-13, 21-13, for the doubles crown.

Success eluded Bill McAllister in the final round of the "B" singles contest. Ike Washington defeated him, 17-21, 24-22, and 21-19. But McAllister teamed up with Charlie Ballweg to take the "B" doubles championship by beating Mike Gallo and Bill King, 21-13, 21-19.

Ted Debiak followed the same path as McAllister. In the "C" singles tourney, Chung Mann Wong won his long match with Debiak, 13-21, 14-21, 21-17, 21-14, 21-17. But Debiak stepped into the winner's circle with partner Ted Ho as they handily defeated Bob Pirog and Gene Ricca, 21-11, 21-5.

In the women's division, Diane Linnell won her first championship by defeating Bella Cherry, 21-10, 21-11. Once again, a single's runner-up eventually captured a title in the doubles competition. With teammate Rosie Strazzeri, Cherry won the mixed doubles championship by beating Yvonne Smith and Sal Gitto, 21-14, 21-10.

Flying high. *Champions in the annual Bethpage table tennis tournaments are: (L to R) front row - Ted Ho, Chung Mann Wong, Sal Gitto, Yvonne Smith, Ike Washington, Tony D'Ambrosio, Clint Watson, Charlie Ballweg, tourney director Frank Malone; back row - Gene Ricca, Herb Mahoney of GAA, Ted Debiak, Bob Pirog, Fred Danner, Rosie Strazzeri, Mike Gallo, Bill King and Bill McAllister. (Photo by Bob Settles)*

Come on down. *The Grumman Karate Club welcomes all Grummanites and their family members to join them every Tuesday and Thursday evening from 5:30 to 7:30 in the Plant 5 cafeteria. For further information, call Hy Dreskler, Ext. 8812. (Photo by Bob Settles)*

Perrotta's right on sight

Butch Perrotta was concentrating on drilling the center mid-section of an E-2C. Suddenly, the drill bit broke off and Butch got a dramatic lesson in something he already knew... safety glasses are sight savers.

The right lens of his safety glasses cracked into a kaleidescope of shapes that remained inside the frame, protecting his eye from the impact of the flying drill bit.

"I've always been aware of the need for safety glasses through safety posters and films," says Butch, who works in Plant 36. "But in 16 years on the job, I'd never had an accident, nor seen one. I'm glad I had my safety glasses on when it happened to me."

Wise Owl member

Butch becomes the 82nd Grummanite to join the Wise Owl Club, an organization of individuals who have avoided serious eye injury by the use of safety glasses. The club is sponsored by the National Society for the Prevention of Blindness.

The society estimates that there are 1,000 industrial eye injuries every day, and 90 percent of them could have been prevented by the use of proper eye protection.

Impact resistant

Safety glasses provide good eye protection because they are impact resistant. They are not unbreakable, but they can stand up to fairly rough treatment. Industrial safety glasses, the type Butch Perrotta was wearing (and the type provided by Grumman to its employees), are even tougher than ordinary safety glasses. They are three millimeters thick while the others are only 2.2 millimeters thick. Both types, if they should break, will crack into small, round-edged pieces or crumble into a powdery residue. Conventional lenses can break into ragged, razor-like splinters, and cause very serious and painful damage when imbedded in the eye.

Look out for number one... wear your safety glasses.

Issue safety warning

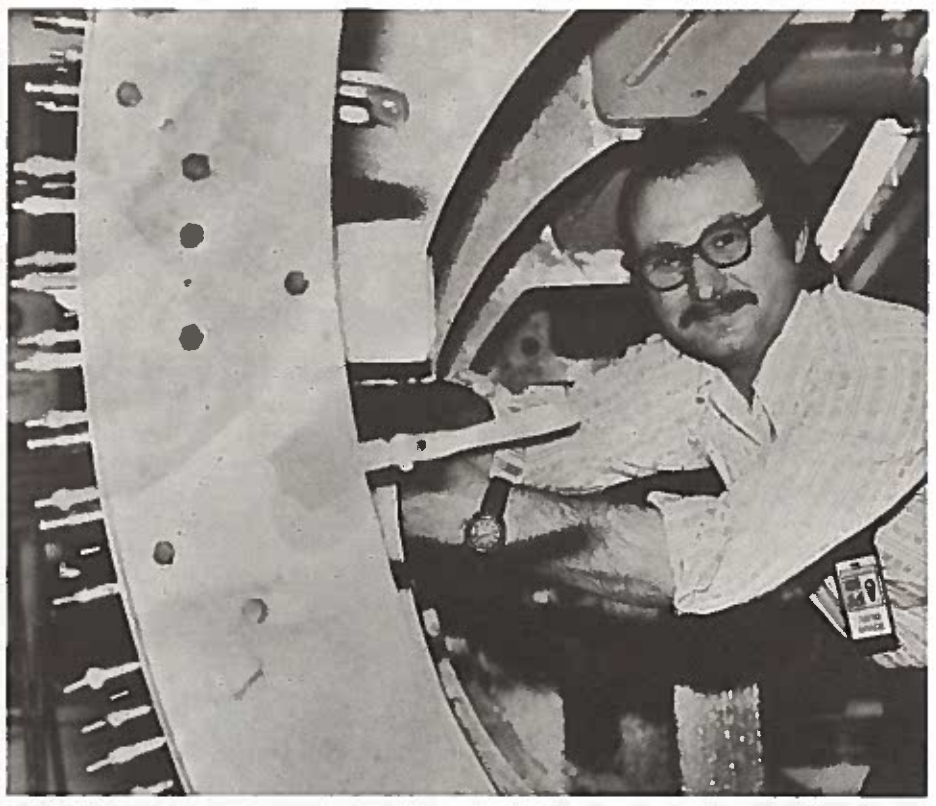
Do-it-yourselfers were cautioned recently that a little known hazard could cause serious damage to their eyes. An eye specialist described the hazard as a catalyst or hardener that is added to fiberglass resin.

A drop of the catalyst could progressively destroy eye tissue and result in blindness, unless immediate cleansing action were taken (within four seconds). Furthermore, once the chemical started to destroy the eye, there is no way of repairing the damage.

The specific toxic agent involved is MEKP (methyl ethyl ketone peroxide). Washing an affected eye immediately after contamination prevented injuries to all laboratory test cases.

So protective glasses are a *must* for catalyst users and should an accident occur, it is mandatory to have immediately available a source of bland fluid (such as water) for thorough washing of eye tissues.

Before using any resin catalysts, however, users are urged to check the chemical composition and take appropriate measures.



Wise owl. *Butch Perrotta didn't waste any time getting a replacement pair of safety glasses. (Photo by Bob Settles).*

retirees

On behalf of their fellow workers, PLANE NEWS salutes the following men and women for their contributions to the company and wishes them well in their retirement. Additional retirees for April are:

Walter Newmiller (2), Albert J. Frisbie (1), Joseph Spark (2), Joseph Importuno (3), Edmund A. Cody (3), Joseph R. Nowotny (2), John Grimm (77), Jay M. Hunter (77), George H. Kaye (56), Nicholas R. Martino (2), Frank Perretti (3), Clifford V. Kurkowski (2), Carmino Grella (36), Matthew J. McLaughlin (36), Gilbert Beanland (36), and Lewis D. Simpson (2).

All sports invited to join Presidential awards program

President Jimmy Carter invites all sports enthusiasts — from archers to weight lifters — to participate in the Presidential Awards Program.

Qualification is based on 50 hours of participation, spread over at least 50 activity sessions, within a period of four months. Concessions are made only in sports where seasons may be short or access to facilities limited. In such cases, the 50 hours of required activity may be accomplished in fewer than 50 sessions.

A wide selection

Awards are available in the following sports:

Archery, back-packing, badminton, basketball, biathlon, bicycling, bowling, canoe-kayak, climbing equitation, fencing, figure skating, fitness walking, golf, gymnastics, handball, ice skating, jogging, judo, karate, orienteering, pentathlon, racketball, rifle, roller skating, rowing, rugby, running, sailing, skeet-trap, skiing-alpine, skiing-nordic, soccer, softball, squash, swimming, table tennis, team handball, tennis, volleyball, water skiing, and weight lifting.

The Grumman Athletic Association (GAA) office, located next to Plant 2, has application forms which includes log book, and requirements.

Those who fulfill all the requirements for the Presidential Sports Award in their selected field receive a certificate, emblem and pin. For more information, contact the GAA office, Ext. 2133 or 2269.

GRUMMAN plane news

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